

June 2, 2008

NORWECO INC
SALES DEPARTMENT
SHELLY WYBENSINGER
220 REPUBLIC ST
NORWALK OH 44857

Re: Description: SEWAGE TREATMENT APPARATUS (also see SEWAGE TANKS)
Manufacturer: NORWECO INC
Product Name: BIO-KINETIC SYSTEM, SEWAGE TREATMENT APPARATUS
Model Number(s): BK-2000 (MAX. 2000 GPD, MAX. CAPACITY 52 GALS, 39.75" L.L., 3" MIN. HEIGHT OF COVER ABOVE FINISHED GRADE; RISERS 6 - 72 IN. IN HEIGHT)
Product File No: 20080252

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of June 2013.**

Product previously approved as Sewage tank, polyethylene; it is now listed more appropriately as a Sewage Treatment Apparatus.

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.
- The maximum daily wastewater flow, which may discharge through this product, is 2000 gallons per day.
- When this product receives wastewater quality with a maximum monthly average value for BOD5 of less than or equal to 220 mg/L, TSS of less than or equal to 150 mg/L TSS and F.O.G. of less than or equal to 30 mg/L the effluent from this product will have a fecal coliform value of less than or equal to 10,000 cfu/100ml.
- This product must be installed downstream of treatment tank(s) recognized by this department to treat G.P.D. flow that will discharge to this product.
- Access located at least 3 inches above finished grade must be provided for this tank.
- NORWECO Blue Crystal residential disinfecting tablets must be installed in this product at all times.

- This product requires servicing at 6 month intervals for as long as the unit or component remains in service.
- A copy of the owner's responsibilities as stated in s. Comm 83.52, Wis. Adm. Code, must be given to the owner of the tank.

Table 1
Inspection and Maintenance
PRODUCT/(Models) NORWECO--BIO-KINETICS, BK-2000

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|---|--|
| Initial/Startup Inspection/ Maintenance | Conducted by certified installer/local contractor |
| Routine Inspection/Maintenance | Six-month intervals to check, reload Blue Crystal residential disinfecting tablets |
| Ongoing Pumping Cycle And/Or Requirements | See local ordinances |
| Back-Wash Cycle | N/A |
| Effluent Performance Levels | Class I NSF: BODY = 10 mg/L max.; TSS = 10 mg/L max.; Ammonia-N =10 mg/L max.; Total Nitrogen = 65% reduction; Fecal coliform = 10,000 cfu/100 mL max. |
| BOD5 Credit For Downsizing Distribution Area | NO |
| Fecal Credit For Reduction Of Vertical Separation | YES |
| Additional Comments | Bio-neutralizer de-chlorination tubes not recommended in Wisconsin |

This approval supersedes the approval issued on 05/03/2003 under product file number 20030193.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20030193.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
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